

**PRODUCTION OF LOW ALPHA-OLEFIN POLYMER**

**Patent number:** JP8301923  
**Publication date:** 1996-11-19  
**Inventor:** ARAKI YOSHITAKE; NAKAMURA HIROFUMI;  
AOSHIMA NORIYUKI; OKANO TAKESHI; NANBA  
YOSHIAKI  
**Applicant:** MITSUBISHI CHEM CORP  
**Classification:**  
- **international:** C08F4/69; C08F6/08; C08F110/02  
- **european:**  
**Application number:** JP19950110744 19950509  
**Priority number(s):**

**Abstract of JP8301923**

**PURPOSE:** To remove the chromium component of a chromium-base catalyst from a liquid reaction product formed in the reaction for forming a low  $\alpha$ -olefin polymer in the presence of the catalyst.

**CONSTITUTION:** A reaction for forming a low  $\alpha$ -olefin polymer is performed in a solvent in the presence of a catalyst comprising either a combination essentially consisting of a chromium compound (a), a nitrogenous compound (b) selected from the group consisting of amines, amides and imides and an alkylaluminum compound (c) or a combination containing these components and a halogen compound (d). The obtained liquid reaction product containing the catalyst components is treated with a reducing agent to precipitate the chromium component from the liquid. In this way, the chromium component of the catalyst can be removed at good efficiency by a simple operation.

---

Data supplied from the **esp@cenet** database - Patent Abstracts of Japan